

20000218.qrp v01_n735.qrl.20000218

Date: Fri, 18 Feb 2000 19:03:12 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1735

QRP-L Digest 1735

Topics covered in this issue include:

- 1) [63530] [CLUBS] New Technical Editor for the QRP Quarterly
by "NA6E" <na6e@qsl.net>
- 2) [63531] FOX only
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 3) [63532] OP: Ten Meters
by "WB8QYY \ (DIZ\) Dieter Gentzow" <wb8qyy@one.net>
- 4) [63533] WA3WSJ/C6A
by "Ron Polityka" <wb3aal@talon.net>
- 5) [63534] RE: TECHNICAL Question abt SW40+Tick
by "Dave Ek" <ekdave@earthlink.net>
- 6) [63535] Again-How to install Silver Contacts on Norcal Keyer?
by "Mike Pupeza" <mpupeza@softecs.net>
- 7) [63536] FS: Printer
by Larry East <w1hue@amsat.org>
- 8) [63537] Re: Contesting on WARC bands
by k5zty@juno.com
- 9) [63538] Sorry folks...here it is (once more)...URL
by jmarran@juno.com
- 10) [63539] Re: TECHNICAL Question abt SW40+Tick
by "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
- 11) [63540] Re: Freq Counter Preamp Circuit
by "Bob Tellefsen" <n6wg@earthlink.net>
- 12) [63541] WTB Retired morse tutor
by patrick m kvitkauskas <pmk@juno.com>
- 13) [63542] Re: CD-Rom
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 14) [63543] V31th on 7.0319
by Tim Pettibone <k5oi@zianet.com>
- 15) [63544] Re: Contesting on WARC bands
by Monte Stark <ku7y@dri.edu>
- 16) [63545] Puzzle transistor
by "Bob Tellefsen" <n6wg@earthlink.net>
- 17) [63546] Re: Contesting on WARC bands
by "George T. Baker" <w5yr@att.net>
- 18) [63547] Re: [WHINE] FOX hunting
by "Paul R. Valko" <prvalko@oakland.edu>
- 19) [63548] Re: C6A Fox

- by "Paul R. Valko" <prvalko@oakland.edu>
- 20) [63549] ANT: dipole and ladder line - cutting
by aweiss@usd.edu (Ade Weiss W0RSP)
- 21) [63550] ANT: dipole and ladder line - cutting
by aweiss@usd.edu (Ade Weiss W0RSP)
- 22) [63551] Re: Contesting on WARC bands
by Bruce Muscolino <w6toy@erols.com>
- 23) [63552] Electronic Eavesdropping: the latest toy
by "Dick Schneider" <dschneider2@uswest.net>
- 24) [63553] RE: OT: CD-Rom
by Karl Kanalz <KKanalz@excel.com>
- 25) [63554] Re: TECHNICAL Question abt SW40+Tick
by wgabriel@dukeengineering.com
- 26) [63555] Re: dipole and ladder line - cutting
by "Don Wilhelm" <w3fpr@arrl.net>
- 27) [63556] FOX: N0IT & N9SSA QRO
by "Pete (N9SSA)" <n9ssa@arrl.net>
- 28) [63557] USA-CA QRP
by Larry Cahoon <wd3p@juno.com>
- 29) [63558] Modulating Neutrinos
by QRP <qrp@email.com>
- 30) [63559] Re: C6A Fox
by Bruce Rattray <rattray@gpfn.sk.ca>
- 31) [63560] Foxhunt
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 32) [63561] RE: Contesting on the WARC Bands
by "Jerry Bartachek" <Jerry.Bartachek@dnr.state.ia.us>
- 33) [63562] Re: Puzzle transistor
by Laura Halliday <va3ldh@sympatico.ca>
- 34) [63563] Re: Foxhunt
by k1vp@lawson-philpot.com
- 35) [63564] SL6440
by Laura Halliday <va3ldh@sympatico.ca>
- 36) [63565] RE:TECHNICAL Question abt SW40+ and Tick
by "Dave Ek" <ekdave@earthlink.net>
- 37) [63566] 30 Mtr Contesting in Cajun Country
by hamjoel@juno.com
- 38) [63567] [PROP] Fwd: A coronal mass ejection heads for Earth
by Bruce Toback <btoback@optc.com>
- 39) [63568] HW-7 cookin!
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
- 40) [63569] HB: N9SSA's stuff on the web
by "Pete (N9SSA)" <n9ssa@arrl.net>
- 41) [63570] <no subject>
by "Howard Myers" <howardw7ilw@cableone.net>
- 42) [63571] Re: FOX: N0IT & N9SSA QRO
by Dave Sjolín <sjolin@swbell.net>
- 43) [63572] Re: Foxhunt

- by Monte Stark <ku7y@dri.edu>
- 44) [63573] PIC based Morse code keyboard interface project
by Charles Olson <jacksonharbor@worldnet.att.net>
- 45) [63574] Re: Foxhunt
by "George T. Baker" <w5yr@att.net>
- 46) [63575] CB-to-10-QRP
by "Phinizy, William" <wphinizy@filenet.com>
- 47) [63576] RHR-20
by RangerSF5@aol.com
- 48) [63577] QRP station clocks
by Michael Melland <badger@vbe.com>
- 49) [63578] OT: CD-Rom
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 50) [63579] HR4K: Ham Radio for Kids new article
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 51) [63580] ElmeRadio Update, Litz Wire, etc.
by Bruce Kizerian <kizerian@sarcos.com>
- 52) [63581] Re: OT: CD-Rom
by "John J. McDonough" <wb8rcr@arrl.net>
- 53) [63582] [CONTEST] Reminder
by Joel Malman <malman@world.std.com>
- 54) [63583] FS:WESTINGHOUSE 0-150 AC PANEL METER
by Lou Fisher <hummba@pacbell.net>
- 55) [63584] FS: DDS VFO by Steve Weber KD1JV
by "KA5T Larry Wise" <lewise@inetport.com>
- 56) [63585] FS: KD1JV SA/SA
by "KA5T Larry Wise" <lewise@inetport.com>
- 57) [63586] k2
by Barry J Minsky <w2bj@juno.com>
- 58) [63587] Re:WTB Retired morse tutor
by KD6AXT@cs.com
- 59) [63588] RHR 20-M
by RangerSF5@aol.com
- 60) [63589] FOR THE ATTENTION OF WV3T
by "Andrew Cunningham" <Gm0nwi@tesco.net>
- 61) [63590] Re: FS: DDS VFO by Steve Weber KD1JV
by "KA5T Larry Wise" <lewise@inetport.com>
- 62) [63591] Re: dipole and ladder line - cutting
by Scott Hotchkiss <w4pj@bellsouth.net>
- 63) [63592] New K2 to other rig comparisons
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 64) [63593] Re: dipole and ladder line - cutting
by "George T. Baker" <w5yr@att.net>
- 65) [63594] One of our own!
by Shepherd@aol.com
-

Date: Wed, 17 May 2000 16:08:55 -0700
From: "NA6E" <na6e@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [63530] [CLUBS] New Technical Editor for the QRP Quarterly
Message-ID: <LPBBKMHGKJHAFCHLDJBAAEELECBAA.na6e@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ed Tanton, N4XY, has agreed to take on the job of Technical Editor for the QRP-ARCI QQ. You can contact him at n4xy@att.net. We're very excited to have him join our group. Special thanks need to be said to Larry East, W1HUE for the terrific job he's done as both Features Editor and Technical Editor. The April issue is getting ready to go to the publisher and the contributions are outstanding again. I do enjoy being the Editor so I can read everything first!!!!

73

Mary, NA6E
Sacramento, CA FPqrp#-35
QRP-C #7 QRP-ARCI #9923 WHINER'S #2

Date: Thu, 17 Feb 2000 18:20:54 -0600
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [63531] FOX only
Message-ID: <0974781F4FC8D211A24600902727E806011B1EF3@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Thanks Dave, you are an alright guy! Mostly, I was just whinin', but you are ok. I'm going to start putting the Kenwood TS-450S in the car so I can try mobile. Someone even mentioned that I could tape the hunt and play it back when I got home. I think I will try this also.

Hal

Date: Thu, 17 Feb 2000 19:36:53 -0500
From: "WB8QYY \ (DIZ\) Dieter Gentzow" <wb8qyy@one.net>
To: <qrp-1@Lehigh.EDU>, <secondclassopsclub@egroups.com>
Subject: [63532] OP: Ten Meters

Message-ID: <005401bf79a8\$4d15bc80\$0202050a@4003>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

It is 00:30 Z now and I'm still listening to the beacons on 10 meters
Right now it's N5AQM on 28286. Half hour ago it was VP8AD in Antarctica.
Point is, there's nobody on 10. Don't understand???
I call CQ - nobody there cept the beacons.

Guess it's a beacon band.

73 - Dieter (DIZ) Gentzow - WB8QYY "oo's"
Loveland, Ohio - near Cincinnati; 39.218N - 84.305W
SOC#8 FPqrp#-1 DL-QRP-AG#1454 QRP-L#1998 10-X#9389 CATT#26 K2#493
<http://w3.one.net/~gentzow/wb8qyy.htm>

Date: Thu, 17 Feb 2000 20:03:58 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [63533] WA3WSJ/C6A
Message-ID: <015d01bf79ac\$09929380\$b1e508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just worked Ed on 10107.4 @ 00:54 UTC

He is going to 80 meter CW soon.

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1

NJ QRP #179

KL7 QRP # 309 G-QRP # 3031
ARCI QRP # 5318 10 - X #13173
NorCal Zombie #625
ARS # 380 HI-QRP #153
VA QRP Society

SETI @ Home Project
<http://setiathome.ssl.berkeley.edu>
175 + Work Units Completed

Date: Thu, 17 Feb 2000 17:39:45 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: <FrConrad@aol.com>
Cc: "QRP-L" <qrp-l@lehigh.edu>
Subject: [63534] RE: TECHNICAL Question abt SW40+Tick
Message-ID: <000401bf79ac\$8ab644c0\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

John,

With the two SW+'s I built, I put TiCK's in both of them. I ran the audio through a 2K resistor (I think) to limit the output level and then connected it directly to the headphone jack. You might have to fiddle with the resistor value to get the volume you want. It's kinda brute force, but never gave me any trouble.

The only thing is that you have to manually turn off the TiCK sidetone each time you fire up the rig. A small nuisance.

73 de Dave AB0GO

Date: Thu, 17 Feb 2000 20:29:35 -0500
From: "Mike Pupeza" <mpupeza@softecsys.net>
To: <qrp-l@Lehigh.EDU>

Subject: [63535] Again-How to install Silver Contacts on Norcal Keyer?
Message-ID: <000901bf79af\$9ef5a680\$1f5665d1@pupeza>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry about this!

I've not been paying attention, and have LOST my info!
I had ordered and received 2 complete sets of Silver Contacts for my almost finished NorCal K8FF Key, but LOST the info on how to install them!
PLEASE, I realize that I read the info, but haven't the info now. Would someone send me the info, or the location to find it?

I just bought an old MFJ-484 Keyer at the Orlando HamCation and Hamfest, and am keen to get the keyer at optimum, as I, and VE3IMG, will try some CW, along with our SSB in our 1B2-Battery Solar Powered Field Day effort this year.

He bought a Vibroplex Code Warrior Paddle for \$99, which looks susoiciously like my NorCal K8FF kit!

Please send any info directly to my E-mail, as I'm sure that the info has been on the Reflector before.

Thanks to all.

72, 73

Mike Pupeza VE3EQP
mpupeza@softecs.net

Date: Thu, 17 Feb 2000 19:23:08 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [63536] FS: Printer
Message-ID: <3.0.5.32.20000217192308.0095ba30@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This isn't exactly QRP related, but I thought maybe someone on the list

might have a use for this...

Dot matrix (24 pin), 12 in. platen, B&W or Color (with color ribbon) --
\$45 shipped CONUS.

It's a Tandy (Radio Shack) DMP 205, which is essentially a an Epson LQ-870 with color capability. Drivers for Windows 3.x are supplied on a floppy disk. For Windows95/98/NT, I have used the Epson drivers supplied with the OS (Epson-870 for B&W, Epson-2500 for color; this is covered in the manual). A nice little printer capable of very high quality print and reasonable graphics.

Printer with manual, utilities disk and B&W ribbon; requires standard parallel (IEEE) printer cable (not included).

Please respond to:
Larry East <w1hue@arrl.net>

Date: Thu, 17 Feb 2000 18:14:37 -0600
From: k5zty@juno.com
To: dschneider2@uswest.net
Cc: qrp-l@Lehigh.EDU
Subject: [63537] Re: Contesting on WARC bands
Message-ID: <20000217.205115.-90265.2.k5zty@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

DXCC is a contest that goes on on the WARC bands all the time and is sanctioned by the ARRL and CQ.

Bill, K5ZTY
Houston, TX

Date: Thu, 17 Feb 2000 22:13:19 -0500
From: jmarran@juno.com
To: QRP-L@LEHIGH.EDU
Subject: [63538] Sorry folks...here it is (once more)...URL
Message-ID: <20000217.221324.-466867.6.JMarran@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

<http://homestead.juno.com/jmarran/KB2HSH.html>

(Keep using those Powermites!!)

72/73

John Marranca, Jr
KB2HSH
Buffalo, NY

Date: Thu, 17 Feb 2000 22:20:21 -0500
From: "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [63539] Re: TECHNICAL Question abt SW40+Tick
Message-ID: <00bd01bf79bf\$1763e3c0\$0100a8c0@dadsmachine>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Dave, is it possible to mount a small watch type battery in the case next to the TiCK JUST FOR the TiCK and then it would hold persistent values?????

Michael - N4NMR

----- Original Message -----
From: Dave Ek <ekdave@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, February 17, 2000 7:39 PM
Subject: RE: TECHNICAL Question abt SW40+Tick

> John,
>
> With the two SW+'s I built, I put TiCK's in both of them. I ran the audio
> through a 2K resistor (I think) to limit the output level and then
connected
> it directly to the headphone jack. You might have to fiddle with the
> resistor value to get the volume you want. It's kinda brute force, but
never
> gave me any trouble.
>
> The only thing is that you have to manually turn off the TiCK sidetone

each
> time you fire up the rig. A small nuisance.
>
> 73 de Dave AB0GO
>
>
>

Date: Thu, 17 Feb 2000 19:42:43 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [63540] Re: Freq Counter Preamp Circuit
Message-ID: <01bf79c2\$36c771c0\$79dbfc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ed
I built a one-transistor preamp for a similar "hard of hearing" counter.
I used the circuit from Solid State Design for the Radio Amateur, page 123,
except I didn't use the output attenuator, as I wasn't feeding a crystal
filter.

This circuit is generally attributed to W7ZOI, Wes Hayward, and you will see
minor variations on it all over the place.

Mine gave me 19 dB of gain from 160m through 6m, using one 2N5109 transistor
and a 12v source.

73, Bob N6WG

Date: Fri, 18 Feb 2000 04:13:04 -0500
From: patrick m kvitkauskas <pmk@juno.com>
To: qrp-l@lehigh.EDU
Subject: [63541] WTB Retired morse tutor
Message-ID: <20000218.041306.11646.0.pmk@juno.com>

Before I run out and get a Morse Tutor, Thought I would
check on the list first.

If you might have a retired one and would like to find

a new home for it, let me know?

72 de Patrick KD40BQ

AR

pmk@juno.com

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 17 Feb 2000 22:28:55 -0600

From: "Steve Yates, AA5TB" <aa5tb@swbell.net>

To: pstrdave@kdsi.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [63542] Re: CD-Rom

Message-ID: <007101bf79c8\$ab742940\$6c773ed8@aa5tb>

MIME-version: 1.0

Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

David and other CDRW'ers,

Here is a Web site that you may find useful:

<http://www.cdrwcentral.com>

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://home.swbell.net/aa5tb>

Date: Thu, 17 Feb 2000 21:50:27 -0700

From: Tim Pettibone <k5oi@zianet.com>

To: qrp-l@lehigh.edu

Subject: [63543] V31th on 7.0319

Message-ID: <3.0.5.32.20000217215027.007993c0@zianet.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Tom, NOSS is calling CQ as V31TH on 7.0319 with no answers at 0449z.

Tim K5OI

Date: Thu, 17 Feb 2000 21:30:33 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63544] Re: Contesting on WARC bands
Message-ID: <Pine.GS0.4.10.10002172129340.5862-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> DXCC is a contest that goes on on the WARC bands all the time and is
> sanctioned by the ARRL and CQ.

BIG difference between a DX pile up and a band FULL of contest
stations!

: -)

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Thu, 17 Feb 2000 21:41:40 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [63545] Puzzle transistor
Message-ID: <01bf79d2\$d4529c20\$96ddfc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Got a handful of orphan transistors. Made by Motorola with number SRF5270.
Metal can, closed bottom (collector lead to case), T05 I think it's called.
Motorola admits they made it as a proprietary device for a customer they
won't identify.

Looks like it might be a nice rf transistor, perhaps like a 2N2219 or

2N5109.

Any ideas on how to track down some info on this puppy? Searching the web by the part number found nothing. Any ideas gratefully received.

73, Bob N6WG

Date: Thu, 17 Feb 2000 23:44:57 -0600
From: "George T. Baker" <w5yr@att.net>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63546] Re: Contesting on WARC bands
Message-ID: <38ACDC59.6F76E3F3@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It is news to me that ARRL classifies DXCC as a "contest." It is surely competitive, but hardly a contest in the sense of the DX Tests, Sweepstakes, CQ WW, WPX, etc.

My understanding is that no defined contests are allowed to operate on the WARC bands. So, we will have to keep the Fox Hunts on 40, I guess! ;^)

72/73, George
Fairview, TX 30 mi NE Dallas in Collin county
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 Rving since 1972 Kachina #91900556

Monte Stark wrote:

>
> > DXCC is a contest that goes on on the WARC bands all the time and is
> > sanctioned by the ARRL and CQ.
>
> BIG difference between a DX pile up and a band FULL of contest
> stations!
>
> :-)

Date: Fri, 18 Feb 2000 00:48:34 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>

To: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [63547] Re: [WHINE] FOX hunting
Message-ID: <Pine.OSF.4.20.0002180047150.10911-100000@saturn4.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 17 Feb 2000, Deitz, Harold L. wrote:

> I gotta work until 0200 UTC every night and it takes almost an hour to drive
> to the farm from the college. By then the FOX has already gone to bed.
> Can't we run these things 30 minutes longer? Huh? Please? With sugar on
> top?
> Maybe? Sometime? Just for me? Pretty please?

Hal...

You have your priorities reversed. Easily correctable, talk it over with the boss.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Fri, 18 Feb 2000 01:10:52 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Paul Womble <pwomble1@tampabay.rr.com>
Cc: QRP List <qrp-l@lehigh.edu>
Subject: [63548] Re: C6A Fox
Message-ID: <Pine.OSF.4.20.0002180108100.25035-100000@saturn4.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The C6A fox is a legitimate "special event fox" per the rules and will count toward the personal scores.

The team foxhunt is a separate event and I not involved it those rules.

Thanks for asking! I'm sure you are not the only one interested.

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics.

Visit the Virtual Ten*Tec Museum at:

<<http://www.acs.oakland.edu/~prvalko>>

On Fri, 18 Feb 2000, Paul Womble wrote:

> Hi Paul,

>

> We were wondering if the C6A fox on Wednesday night is going to
> count for team and personal totals?

>

> 73

> Paul AJ4Y

>

> --

> Polk County Chapter American Red Cross:

> <http://www.redcross.org/fl/polkcounty>

> Florida Contest Group:

> <http://www.qsl.net/fcg>

>

>

>

Date: Fri, 18 Feb 2000 00:15:52 -0600 (CST)

From: aweiss@usd.edu (Ade Weiss WORSP)

To: sam.smith@ece.gatech.edu

Cc: qrp-1@lehigh.edu

Subject: [63549] ANT: dipole and ladder line - cutting

Message-ID: <200002180615.AAA15489@sunburst.usd.edu>

Hi Sam:

No....to all...

Cut it to formula. The ladder line length makes no difference whatever in establishing the resonant frequency of the dipole. The length of the dipole wire is all that determines its resonant frequency.

However, the length of ladder line will establish how the dipole impedance is transformed to a predictable value back at the transmitter. This is the impedance that requires an antenna tuner for matching to the 50-ohm nominal transmitter output impedance.

So, cut it, hang it, see if your tuner "loads it" or matches it easily on your desired bands.

If you have great difficulty "tuning" it to a very low SWR, then the impedance at the end of the ladder line is not in the range that is easily handled by your ATU. The solution is quite simple -- begin adding 3-ft sections of ladder line until the match situation improves.

Now, the added sections do not change the SWR on the feedline nor the resonant frequency of the dipole. A section of transmission line is an impedance transformer -- exactly like the coil/capacitor combination in your ATU. Adding or taking away pieces of transmission line change the amount of transformation that occurs.

For example, I decided to use my 20m Delta Loop on 30m and 40m. Horrid mismatch at the antenna and an approximately 47:1 SWR on 30m (causing, ugh! about 2.8dB SWR loss alone on a mere 50-ft run of 300-ohm lowloss twinlead!!!) Worse, the loop feedpoint impedance was so wildly off that the 50-ft line transformed it to an "impossible to match" at the ATU. The insertion of about 5-ft of 300-ohm line solved the problem and now it matches rather easily on all band 40-10.

I'm still losing about 50% of my power on 30m, but this is a "make-do" situation -- either I use the 20m Delta Loop, or I don't use it and lose the added Carrib SA coverage I don't get because my fulwave centerfed is aimed at about 35-deg to EU. I wish I could put up a 30m Delta Loop, but it just won't fit.

So, cut to formula, hang it, and deal with the matching thru an ATU.

72, Ade

Date: Fri, 18 Feb 2000 00:30:35 -0600 (CST)
From: aweiss@usd.edu (Ade Weiss WORSP)
To: qrp-l@lehigh.edu
Subject: [63550] ANT: dipole and ladder line - cutting
Message-ID: <200002180630.AAA20061@sunburst.usd.edu>

Sam asked:

"I want to cut a half wave dipole fed with 200' of ladder line.

If I'm using a MFJ antenna analyzer, do I:

A) connect one side of the ladder line to the MFJ and ground the other side to the MFJ.

B) Use a balun between the MFJ and the ladder line."

No, Sam. The feedline is never part of the antenna itself -- it is a separate entity and contributes nothing to establishing the resonant frequency of the antenna. That is determined solely by the length of the wire radiators.

Transmission lines continuously transform the antenna feedpoint impedance along their length. Because of this property, the antenna feedpoint impedance is reproduced at 1/2-wavelength (and multiples thereof) away from the feedpoint. So, it is possible to cut a 1/2-wavelength piece of coax using an RX bridge or your MFJ Analyzer, connect that length to the antenna, and make a measurement on the ground when the antenna is in the sky. But this will work only at the frequency at which the feedline represents a 1/2-wavelength. I have used the same method to cut 1/4-wavelength and 1/2-wavelength piece of ladder line and twinlead. In three, the Velocity Factor of the feedline reduces the ACTUAL length from the FORMULA length calculated by the regular antenna-length formula. So, a 30m dipole will calculate out to around 48.9-ft for #18 wire, but a piece of twinlead with a Velocity Factor of 0.82 will only be 82% of that length. Why the difference? When the r.f. wave travels thru free space, it is at the speed of light. Air slows it down a bit -- by about 5%. Solid medium like poly and foam slow it down a lot more. So traveling thru a piece of 0.82 V.F. feedline takes the same amount of travel time for the wave as going thru free space.

C) Climb up on the pole and tune the dipole without the ladder line.

Yes, you could do this, but it is not necessary. Cut the dipole to formula.

One problem with this method is that the resonant frequency will change a bit with height. Check the Antenna Book or other to see how the reactance and resistance of a dipole varies with height above ground. The change in reactance and hence resonant frequency is not much. The antenna cut to frequency by formula is going to be "resonant" in practical terms, i.e. +/- 10% or whatever and it doesn't

affect the radiation efficiency of the antenna.

72, Ade

Date: Fri, 18 Feb 2000 06:12:46 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: k5zty@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [63551] Re: Contesting on WARC bands
Message-ID: <38AD292E.4DB0@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill,

>

> DXCC is a contest that goes on on the WARC bands all the time and is
> sanctioned by the ARRL and CQ.

>

DXCC is NOT a contest, it is an operating award given out by the ARRL
for confirming contacts with 100 countries. A contest is like the ARRL
DX contest and is not held on the WARC bands!

73

Date: Fri, 18 Feb 2000 05:11:11 -0700
From: "Dick Schneider" <dschneider2@uswest.net>
To: "cqclist" <cqclist@cqc.org>, "QRP-L" <qrp-l@Lehigh.edu>
Subject: [63552] Electronic Eavesdropping: the latest toy
Message-ID: <000501bf7a09\$3edb0a60\$a170e1cf@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, for what it's worth--

If you'll recall a few months ago, there was a thread of concern over
federal raids on Ramsey kits and another small firm regarding FM
transmitters and the like -- gear that could be used for surreptitious
eavesdropping -- under the guise that violated federal law.

I awoke this morning to an NPR report on how all new toys seems to be
technology based (electric dogs that actually act like dogs, dolls that

literally grow and build vocabulary, etc.). Well one of the toys was designed specifically for electronic eavesdropping. A hidden transmitter is in a necklace. The signal can be picked up elsewhere on a cellphone (which seemed strange to me, but that's what the story said; I can't see how a cellphone could do that; perhaps it's really designed to be picked up on a family radio or something.). The toy rep's pitch described a scenerio in which a girl sends her friend to talk to a boy she's interested in. Then by monitoring on the cellphone around the corner, she can get the real scoop on her chances. Now, I would think that in the hands young boys, this "toy" might be put to some other use -- say stashing a transmitter in the girl's bathroom.

I think we're in for a wild toy season. I can just see the federal anti-radio awat teams swinging into action now.

72 Dick AB0CD..

Date: Fri, 18 Feb 2000 06:36:13 -0600
From: Karl Kanalz <KKanalz@excel.com>
To: "'n7kt@earthlink.net'" <n7kt@earthlink.net>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [63553] RE: OT: CD-Rom
Message-ID: <2D343922E283D211945C0008C7A41B2A01A74494@adntex01.adsn.dal.excel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Besides, CD-Read/Write disks cost a fortune compared (relatively) to CD-R media!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Roger Hightower [mailto:n7kt@earthlink.net]
Sent: Thursday, February 17, 2000 12:55 PM
To: Low Power Amateur Radio Discussion
Subject: Re: OT: CD-Rom

You've got it....it's mostly a media problem.

Most CD-ROM drives will read CD-R media. _Very few_ will read CD-RW media.

CD-RW is best used for personal stuff, to be retained temporarily.

All the QRP-L Archive CD's I did were on CD-R, and no one reported any problems.

--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

Date: Fri, 18 Feb 2000 08:18:07 -0500
From: wgabriel@dukeengineering.com
To: FrConrad@aol.com, qrp-l@Lehigh.EDU
Subject: [63554] Re: TECHNICAL Question abt SW40+Tick
Message-ID: <85256889.00491521.00@deinet01.dukepower.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

John - it might be worthwhile for you to look at some of the pages I put on a simple webpage to show folks how I integrated K1EL's K8 Keyer into my SW-40+. The Tick is quite similar, and what I did should come close to working for you. You may have to change the attenuator resistors a bit to match audio level you want.

On this one I did not use the piezzo capability on the K8 and just use the injected audio. I have 2 key jacks on the rig's back panel - a single-circuit one for a straight key input and a 2-circuit jack for a paddle input to the K8 Keyer. Thus you can use either keying method. Can also plug in an external keyer if need be.

If power drain is a super concern, there are some micro-power 5v regulators you can use in place of the 78L05 typically used for these keyer ICs when powered from the rig's 12vdc.

<http://members.aol.com/wb4exw/index.html>

Give it a look-see and I will try to answer any questions you may have.

Hope this helps - Watson/WB4EXW

Anyone have experience on getting the Tick into the audio chain of an SW40 and willing to help?

TNX

John+
WB6MFS

Date: Fri, 18 Feb 2000 08:28:34 -0500
From: "Don Wilhelm" <w3fpr@arrl.net>
To: <aweiss@usd.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [63555] Re: dipole and ladder line - cutting
Message-ID: <007101bf7a14\$84fef820\$7c2c1004@dbw11main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ade, Sam and all,

Ade, you are reporting my experiences as well. It is a fact that any length of antenna will radiate ALL the power sent to it (less any losses). If one is planning to use an ATU anyway - then I say cut the antenna for the space it will fit - yes you can use the formulas for an approximation - Don't worry about cutting for resonance. Then feed it with good low-loss feedline. Make the length of the feedline to reach from the antenna to the shack - then use the ATU to match whatever impedance is presented at the shack end. It will work FB - perhaps even better than one cut to resonance. Just use low-loss feedline and a good low-loss ATU.

Use your MFJ analyzer at the shack end - all you should be trying to do is find an impedance within the matching range of your ATU (expressed in real impedance terms rather than SWR range)

I would add some practical considerations to the above statements:

A) The best way to get the shack impedance within the range of the ATU is to adjust the feedline length - make it longer - shorter ain't practical - just keep trying until you get it right.

B) For multi-band operation, it may be difficult to arrive at a single dipole length and a single feedline length that will be in the range handled by your ATU. Some work with a Smith chart may be helpful to find that

combination - otherwise it is a lot of cut and try. One could patch in a different length of feedline for each band if necessary.

C) Check out <http://people.delphi.com/CecilMoore/index.html> to see how an adjustable length feedline and balun can even perform the same function as a lumped constant ATU

D) Be aware that additional radiation pattern lobes will start to form at frequencies above where the antenna is more than $5/8$ wavelength on each side of the dipole. This may be important to you on the higher bands - there are pattern charts in most antenna handbooks.

E) If antenna directivity patterns are your primary concern - ignore all this and use coax fed dipoles (or a beam) with a balun and at least $1/2$ wavelength above ground or trees or buildings (any lower and the patterns will be modified by the surroundings anyway)

I'll get off my soapbox now,
73,

Don Wilhelm -Chapel Hill, NC
W3FPR QRP-L # 485 K2 SN 0020

----- Original Message -----

From: Ade Weiss W0RSP <aweiss@usd.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Friday, February 18, 2000 1:30 AM
Subject: ANT: dipole and ladder line - cutting

> Sam asked:
>
> "I want to cut a half wave dipole fed with 200' of ladder
> line.
> If I'm using a MFJ antenna analyzer, do I:
>
> A) connect one side of the ladder line to the MFJ and ground
> the other side to the MFJ.
>
> B) Use a balun between the MFJ and the ladder line."
>
> No, Sam. The feedline is never part of the antenna itself -- it
> is a separate entity and contributes nothing to establishing the
> resonant frequency of the antenna. That is determined solely by
> the length of the wire radiators.
> SNIP ...

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Date: Fri, 18 Feb 2000 08:37:33 -0500
From: "Pete (N9SSA)" <n9ssa@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [63556] FOX: N0IT & N9SSA QRO
Message-ID: <4.2.2.20000218083010.00c72c20@172.16.1.100>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Great fun, once again listening in on the Fox hunt last night. Dave did a great job from MO.

OOPS - Anyone hear me bag the fox on my first go? I got him handily, only to discover after the QSO that I HAD MY RIG SET AT 100 WATTS!

What a newbie I am!!! Sorry for the QRM on that one. At least I had a quick, clean exchange... Ha ha.

Well, I tried and tried to nab him again at 3 watts, only to be foiled by broadcast QRM, and a QSY. I just barely can copy the QRQ, but am getting better.

I finally found Dave down the band a bit, and called some more right up to 300z. I finally got him... AFTER the foxhunt! Well, at least I got 'em QRP.....

Thanks for taking my late QSO, Dave... Hope you had a good dinner.

Having a blast with with QRP and QRP-L....

N9SSA - Pete Hoffswell
Holland, MI - EN62wt - 42.79N 86.15W
n9ssa@arrl.net <http://www.qsl.net/n9ssa>
QRP-L #2109

Date: Fri, 18 Feb 2000 13:49:09 +0000
From: Larry Cahoon <wd3p@juno.com>
To: qrp-1@Lehigh.EDU, countyhunters@qth.net
Subject: [63557] USA-CA QRP
Message-ID: <20000218.134910.4718.0.wd3p@juno.com>

Hi gang,

I have updated my web site with the status of those working the counties QRP. The two fellows closest to finishing up didn't give me an update. For all I have entered the latest counts I have.

Anyone who want their name/count added to the list can e-mail me the information and I'll upload the information.

Check out the County Hunter Link from <http://www.erols.com/lejek> or <http://www.qsl.net/wd3p>

73 de Larry WD3P USA-CA #913

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 18 Feb 2000 08:50:56 -0500 (EST)
From: QRP <qrp@email.com>
To: qrp-1@Lehigh.EDU
Cc: zeekzilch@juno.com
Subject: [63558] Modulating Neutrinos
Message-ID: <382822019.950881856585.JavaMail.root@web14.mail.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My son Roger (KB0JFH, Colorado QRP Club # 47), is now 19 and working on the LSU Super-Kamiokande 50,000 ton underground water cerenkov detector in Japan. I've asked him to see if there's a way to modulate Neutrinos...

<http://beavis.phys.lsu.edu/superk/>

WB0JNR

<http://www.rogerwendell.com>

-
--

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Date: Fri, 18 Feb 2000 08:02:16 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: "Paul R. Valko" <prvalko@oakland.edu>
Cc: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [63559] Re: C6A Fox
Message-ID: <Pine.LNX.3.95.1000218075523.10277B-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Before the fox hunt began this year, Paul posted the rules which mentioned that special fox hunts might appear from time to time....these hunts count towards the personal scores...Wednesday evening, K8DD/C6A, ran a special fox hunt which took the same form that the regular fox hunts take...so this special fox hunt and any other special fox hunt this season will count towards the Team competition if run in a similar manner...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

On Fri, 18 Feb 2000, Paul R. Valko wrote:

>
> The C6A fox is a legitimate "special event fox" per the rules and will
> count toward the personal scores.
>
> The team foxhunt is a separate event and I not involved it those rules.
>
> Thanks for asking! I'm sure you are not the only one interested.
>
> 73! =paul= W8KC

> Collector of Ten*Tecs and other fine plastics.
> Visit the Virtual Ten*Tec Museum at:
> <<http://www.acs.oakland.edu/~prvalko>>
>
>
> On Fri, 18 Feb 2000, Paul Womble wrote:
>
> > Hi Paul,
> >
> > We were wondering if the C6A fox on Wednesday night is going to
> > count for team and personal totals?
> >
> > 73
> > Paul AJ4Y
> >
> > --
> > Polk County Chapter American Red Cross:
> > <http://www.redcross.org/fl/polkcounty>
> > Florida Contest Group:
> > <http://www.qsl.net/fcg>
> >
> >
> >
>

Date: Fri, 18 Feb 2000 08:21:27 -0600
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [63560] Foxhunt
Message-ID: <0974781F4FC8D211A24600902727E806011B1EF8@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

All,

Well I did as some suggested and had my wife tape last nights Fox hunt. I had to work late so I wasn't able to avail myself of the selflessness of the Fox, but I did have the tape. When I got home around 04:15 UTC, I quickly rewound the tape and played it back. The Fox was an easy 459 and in the clear. I called him several times but I was unable to get a reply. I checked everything, rewound the tape and tried again, but to no avail.

Guys, I don't think this tape thing is going to work!

Hal

Date: Fri, 18 Feb 2000 08:38:23 -0600
From: "Jerry Bartachek" <Jerry.Bartachek@dnr.state.ia.us>
To: <qrp-l@Lehigh.EDU>
Subject: [63561] RE: Contesting on the WARC Bands
Message-ID: <s8ad051d.021@idnr4.dnr.state.ia.us>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

I think Dick may have heard about the TMPS activity a few years ago on 30 = meters. I think Chuck Adams conceived the project and the acronym meant = Thirty Meter Propagation Study.

Many of us on this list participated, and we kept track of how many 2-way = QRP QSO's we were able to muster on 30 Meters, and kept track of states = worked and DXCC countries worked over a period a several months one = summer.

It was certainly no contest as there was no "score", no "winners" and no = awards. There certainly were no "losers" either as it was great fun = meeting the lads and lasses from this list on 30 meters.

72,

Jerry L. Bartachek KD0CA <><
Washington, IA
IA QRP #10 - QRP-L #544 - ARP ARCI #5166 - FISTS #7064

Date: Fri, 18 Feb 2000 09:45:22 -0500
From: Laura Halliday <va3ldh@sympatico.ca>
To: qrp-l@Lehigh.EDU
Subject: [63562] Re: Puzzle transistor
Message-ID: <38AD5B02.E2257A1F@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob N6WG wrote:

> Got a handful of orphan transistors....Looks like it might be a nice rf

From: Laura Halliday <va3ldh@sympatico.ca>
To: qrp-1@lehigh.edu
Subject: [63564] SL6440
Message-ID: <38AD5D80.AFFA3412@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For you homebrewers out there, the current (February) flyer from Mainline Surplus Sales is listing these excellent Plessey chips at 2 for GBP 5.00, order number 12-0274.

No, I don't need any. I bought a handful from Mainline at a BARTG rally that happily coincided with a trip to London a while ago. My first experience driving in England. :-)

Contact info at <http://www.mainlinegroup.co.uk>

--
Laura Halliday VA3LDH "Laisse le vent tout emporter..."
Grid: FN03gs - Foly/Viennet

Date: Fri, 18 Feb 2000 08:16:47 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: <qrp-1@lehigh.edu>
Cc: "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
Subject: [63565] RE:TECHNICAL Question abt SW40+ and Tick
Message-ID: <000701bf7a23\$2dca9b40\$3f813389@ekdant>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>Dave, is it possible to mount a small watch type battery in the case next
to
>the TiCK JUST FOR the TiCK and then it would hold persistent values?????
>
>Michael - N4NMR

Michael,

Probably. You'll want to check the current consumption. The chip itself requires 3-5V input but consumes (according to Embedded Research) only about 1 uA in sleep mode, so a small battery should be able to keep it going for a while. But you'll want to bypass the 5V regulator that comes as part of the kit, because that will draw probably a few mA (I'm guessing). You only need the regulator if you're going to run the TiCK off a higher-voltage supply

(like the battery for your rig).

Dave

Date: Fri, 18 Feb 2000 10:24:40 -0500
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [63566] 30 Mtr Contesting in Cajun Country
Message-ID: <20000218.102441.-248727.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

may high y'all again:

Talking about 30mtr contesting... talk about a hoot...given the right motivation some testers put up one heck of a contest...Once a month rain or shine the 30mtr contest goes on...

Lets me explains the contest... seems the sheriff started a contest at his detention center which is located on the grounds of the Acadiana Airport...The fence for the facility is bout 30mtrs away from the building and once a month... those inmates which got good behavior and not much time left to serve get the chance to join the contest... 30mtr contest... with the winner getting the rest of his sentence dropped...

The only problem is the inmate gotta beat the guard dogs to the fence or he's gonna get bit a few times... exciting time I tell u

but NO... no contesting on the 30mtr amateur band... dxcc is not a contest... nor is was, or wac or all those award winning personal accomplishments...

However iffin u wanna put some excitement into 30mtrs ... has our sheriff got a deal for U....

Joel KE1LA
In Maine
with sneaux deep as fleas on a coon dog

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Date: Fri, 18 Feb 2000 08:26:40 -0700
From: Bruce Toback <btoback@optc.com>

To: <qrp-1@lehigh.edu>
Subject: [63567] [PROP] Fwd: A coronal mass ejection heads for Earth
Message-ID: <200002181529.IAA04097@landru.optc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

----- Begin Forwarded Message -----

Date: 2/18/00 1:39 AM
Received: 2/18/00 12:50 AM
From: Space Science News, express@spacescience.com
To: Space Science News, sciencenews@spacescience.sparklist.com

Space Science News for February 18, 2000

Here Comes the Sun: A "full halo" coronal mass ejection left the Sun yesterday, apparently headed directly for Earth. When the leading edge of the disturbance reaches our planet on Feb. 19 or 20, it could trigger aurora and other geomagnetic activity. FULL STORY at

http://www.spacescience.com/headlines/y2000/ast18feb_1.htm

Here Comes the Sun

Bruce Toback Tel: (602) 996-8601 | My candle burns at both ends;
OPT, Inc. (800) 858-4507 | It will not last the night;
11801 N. Tatum Blvd. Ste. 142 | But ah, my foes, and oh, my friends -
Phoenix AZ 85028 | It gives a lovely light.
btoback@optc.com | -- Edna St. Vincent Millay

Date: Fri, 18 Feb 2000 10:35:37 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: qrp-1@Lehigh.EDU
Subject: [63568] HW-7 cookin!
Message-ID: <v03110701b4d308b1c2f1@[132.235.81.58]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Follow up on my HW-7... Worked 6D2X and V31TH (? qsl via N0SS) on 15 meters this morning! Band is in great shape and apparently my lil' HW-7 is doing OK. Just wanted to share a success with ya'all... Thanks for all the help with mod info.

72 de NS80

Date: Fri, 18 Feb 2000 10:31:46 -0500
From: "Pete (N9SSA)" <n9ssa@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [63569] HB: N9SSA's stuff on the web
Message-ID: <4.2.2.20000218102046.00c594b0@172.16.1.100>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Many thanks to all who have come to visit my website! I've had some nice comments, and really appreciate that.

<http://www.qsl.net/n9ssa>

I've updated my page with some pictures of my Shack, and my homebrew equipment. Check it out, if you are bored.

Some of you Cats may appreciate my Tuna Tin II enclosure... ;-)

Have a great weekend, QRPers... hear ya on the band...

N9SSA - Pete Hoffswell
Holland, MI - EN62wt - 42.79N 86.15W
n9ssa@arrl.net <http://www.qsl.net/n9ssa>
QRP-L #2109

Date: Fri, 18 Feb 2000 09:12:50 -0700
From: "Howard Myers" <howardw7ilw@cableone.net>
To: qrp-l@lehigh.edu
Subject: [63570] <no subject>
Message-ID: <0bb972514161220CIS10@mail2.cableone.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

Test

Date: Fri, 18 Feb 2000 10:29:30 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: n9ssa@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63571] Re: FOX: N0IT & N9SSA QRO
Message-ID: <38AD736A.A711EB6C@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

"Pete (N9SSA)" wrote:

>
> Great fun, once again listening in on the Fox hunt last night. Dave did a
> great job from MO.
>
> OOPS - Anyone hear me bag the fox on my first go? I got him handily, only
> to discover after the QSO that I HAD MY RIG SET AT 100 WATTS!
>
> What a newbie I am!!! Sorry for the QRM on that one. At least I had a
> quick, clean exchange... Ha ha.
>
> Well, I tried and tried to nab him again at 3 watts, only to be foiled by
> broadcast QRM, and a QSY. I just barely can copy the QRQ, but am getting
> better.
>
> I finally found Dave down the band a bit, and called some more right up to
> 300z. I finally got him... AFTER the foxhunt! Well, at least I got 'em
> QRP.....

Pete, I heard you in there several times at the qrp level but since I thought we had already worked, I gave others a shot. No trouble hearing you at all. But by 0300 utc, QRN level sounded more like stormy night on 160. It was a constant S-9 on the meter. I know there were guys calling but only a few letters made it over the noise.

73 de Dave, N0IT

Date: Fri, 18 Feb 2000 08:54:03 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63572] Re: Foxhunt
Message-ID: <Pine.GS0.4.10.10002180853391.9527-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hal,

You need to send faster to get the CW to go back in time.

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Fri, 18 Feb 2000 17:10:59 +0000
From: Charles Olson <jacksonharbor@worldnet.att.net>
To: ham-pic@qth.net
Cc: qrp-1@lehigh.edu
Subject: [63573] PIC based Morse code keyboard interface project
Message-ID: <20000218171059.QGVT26879@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello all PIC Projecteers -

I've uploaded the source code and schematic to my projects page for a Morse code keyboard interface. This project uses a PIC 16F84 along with an IBM compatible PC-AT keyboard and your keyer or keyer chip to let you send Morse code from a keyboard. You can have up to 10 memories by using an external serial eeprom chip - however, the keyboard will work fine without this eeprom. More details at:

<<http://jacksonharbor.home.att.net/projects.htm>>

I know there are quite a few spare keyers and keyer chips out there - here's a way to put them to use.

Please email any questions/comments to:

jacksonharbor@att.net

Best Regards,

Chuck

Best Regards,

Chuck Olson, WB9KZY
Jackson Harbor Press - Ham Radio Kits and more!
Washington Island, WI
jacksonharbor@att.net
<<http://jacksonharbor.home.att.net/>>

Date: Fri, 18 Feb 2000 11:20:49 -0600
From: "George T. Baker" <w5yr@att.net>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63574] Re: Foxhunt
Message-ID: <38AD7F71.ADACAE67@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Naw, Ron - he just needs to send everything in reverse sequence! The faster he goes, the further back it winds up. It is merely a matter of choosing a speed that will call the Fox at exactly the right time when he asks for calls. Do it right, and you have perfect break-in!

Say, what is this SOC thing, anyway?

72/73, George
Fairview, TX 30 mi NE Dallas in Collin county
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

Monte Stark wrote:

>
> Hal,
>
> You need to send faster to get the CW to go back in time.
>
> 73, Ron

Date: Fri, 18 Feb 2000 09:20:47 -0800
From: "Phinizy, William" <wphinizy@filenet.com>

To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [63575] CB-to-10-QRP
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F02BE5B6C@hq-expo2.filenet.com>

An advisory to the group..

Fair Radio Sales has the old HyGain CB boards and are offering them for \$6.50 each. These played rather prominently, If you remember. in the old '78-80 CB-to-10 conversion series. With 10 meters alive now, it might make for an interesting QRP conversion. Their URL is <http://www.fairradio.com>.

Also, on another note, Action Electronics in Santa Ana, California has Kester "245" no-clean solder for \$12.86 per roll. They are at <http://www.action-electronics.com>.

Please know I have no affiliation with either enterprise (Fair or Action). I just stumbled onto these leads and thought the community might be interested.

72,

Bill, k6whp

Date: Fri, 18 Feb 2000 13:10:37 EST
From: RangerSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [63576] RHR-20
Message-ID: <7f.e24396.25dee51d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
Well,
another RHR-20-M just came to life here in Bordentown, NJ.
Hearing some F6 stations working w4's on a random wire and I didn't even finish peaking the RX yet.
I never cease to impress myself. <grin>
Bob
WA2HQQrp <tm>

Date: Fri, 18 Feb 2000 12:39:56 -0600
From: Michael Melland <badger@vbe.com>
To: secondclassopsclub@eGroups.com, qrp-1@lehigh.edu

Subject: [63577] QRP station clocks
Message-ID: <38AD91FC.5BB3CCE8@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For those of you looking for a nice large clock (s) for your station the new Klockit catalog has two nice ones (I just ordered one of each).

Stock # 34090, White 9.5" styrene dial with black numerals, 24 hour, runs on "AA" battery and movement is warranted for 6 years.....
\$10.95 ea

Stock # 34904, White 9.5 " metal dial with black numerals, standard clock face, day and date display, runs on "AA" battery..... \$12.95

A second hand is optional..... black matching hand, # 68029..... .35 ea

There is no case provided, or needed for these clock kits. I'm assembling the movement to the dial and hanging one of each in my shack the movements have a built in hanger. Pretty cheap especially for a hard to find 24 hour "big" clock. If you want to see these, Klockit also has a web site: <http://www.klockit.com> enter the above part number(s) into search.....

Usual disclaimers.....

73 de Mike Melland, W9WIS
Qrp-L #1656 SOC # 142

Date: Fri, 18 Feb 2000 13:17:58 -0600
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [63578] OT: CD-Rom
Message-ID: <200002181917.NAA15467@mail.lib.colum.edu>

Not exactly a media problem, no. CD-RW requires an additional read capability that older standard CD readers lack. If I remember correctly, it is called "multi-read" as opposed to "multi-session" (which most now have) and I'm not sure exactly what it consists of. But basically, it means that you need a CD-RW drive to read a CD-RW disk in most (but not all) cases. Some newer DVD compatible drives will also read the CD-RW media, even though they cannot write to it.

CD-R, on the other hand, is supposed to work with all standard CD drives, so you should expect a CD-R disk written on a write-enabled drive to be readable on just about any other machine.

I use CD-RW mainly as a backup medium, for archiving stuff from the hard disk. CD-R is the choice for distributing material to other people.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-ARCI #5154 <http://www.netcom.com/~fuffle/>

Date: Fri, 18 Feb 2000 13:19:03 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63579] HR4K: Ham Radio for Kids new article
Message-ID: <Pine.OSF.4.20.0002181315490.21883-100000@duke.usask.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

I have written a new article entitled "The Soccer Player's guide to Ohm's Law" in the "For Kids" section. Please feel free to email me with corrections, suggestions or improvements etc.

Brian.

The url is: http://duke.usask.ca/~buydens/ham/ham4kids/for_kids/index.html

+-----+
| Brian Buydens, Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca <http://duke.usask.ca/~buydens> |
| VE5RDV |
+-----+
| Who is General Failure and why is he trying to read my hard drive? |
+-----+

Date: Fri, 18 Feb 2000 12:39:35 -0700
From: Bruce Kizerian <kizerian@sarcos.com>
To: qrp-1@Lehigh.EDU
Cc: charles.kitchin@analog.com
Subject: [63580] ElmeRadio Update, Litz Wire, etc.
Message-ID: <38AD9FF6.9911B098@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey, everybody:

Progress has been slow. Partly, because of other obligations (sure wish I didn't have to work for a living), but here is the latest:

There have been some delays on improvements to the AM Regen. I have been working on an improved high Q loopstick in order to increase the radio's tuning range. I am have trouble finding a source for litz wire--preferably surplus. If anyone knows of a good source for something in the range of 15/44 to 20/44 served litz wire, please let me know.

There is a low voltage version of the TL431 shunt regulator available (used as the audio amplifier in the radio). Some samples have been procured. A 3 Volt AM Regen ElmeRadio will likely result from this.

I have learned a great deal from the beta testers. A complete rewrite of the assembly instructions is underway--had to figure out an easier way to position the components for soldering. And a new and improved PCB will be layed out.

Had to pause to repair a couple of cameras so I could do a better job of documentation.

And...an FM broadcast band ElmeRadio is in the works--can't say much about it now, but it is going to be cool. It may be a few months before I can give any details.

A simple shortwave ElmeRadio is on my list, as well as an Elmer version of the Pixie transceiver, but these will have to wait until the AM and FM versions have been completed.

The neighbor boys had a great time building two of the AM beta kits. It took them two hours, and they would not stop until the radios were working--kind of makes it worth all

the effort.

Stay tuned...

Bruce kk7zz

Date: Fri, 18 Feb 2000 14:56:48 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <KKanalz@excel.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [63581] Re: OT: CD-Rom
Message-ID: <002801bf7a4a\$4ed34360\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Karl Kanalz <KKanalz@excel.com>

>Besides, CD-Read/Write disks cost a fortune compared (relatively)
>to CD-R media!

This was true just a few months ago. However, for the past 2-3 months,
CD-RW media has been cheaper, at least locally, than CD-R!

A year or so ago, CD-RW were about \$15 each, compared to \$3 for CD-R at the
office supply. Although I could go to a show and get CD-R's for about a
buck, I couldn't do any better on CD-RW.

Now, CD-R's at the office store are generally around \$2, sometimes dropping
a bit lower, while CD-RW seem to be closer to a buck. Go figure! Best show
price for the CD-R's continues to be around a buck, and I really haven't had
much incentive to go looking for the best price for CD-RW, when they are
10/\$9.99 at Staples, why bother driving an hour each way to a trade show
(I'm out in the boonies).

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Fri, 18 Feb 2000 12:27:57 -0500 (EST)
From: Joel Malman <malman@world.std.com>
To: qrp-l@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [63582] [CONTEST] Reminder
Message-ID: <200002181727.MAA21028@world.std.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Reminder: The ARRL DX Contest starts tonight in the United States.

Starting time is 0000z 2/19 (Friday night at 7pm Eastern Time).

Time to add to your DX QRP country list and have some DX'ing fun!

--
/joel K1QM (Queen Mary) Concord, Massachusetts
QRP-L #337, QRP-ARCI #9305, MI-QRP 1641, SOC #42

Date: Fri, 18 Feb 2000 12:40:29 -0800
From: Lou Fisher <hummbar@pacbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [63583] FS:WESTINGHOUSE 0-150 AC PANEL METER
Message-ID: <38ADAE3C.B50EE1B4@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

NEW WESTINGHOUSE 0-150 VOLT AC PANEL METER MODEL HA-33
Meter comes in Original Box. Mounting Hardware included
Meter Face is 2 1/2 " Round Flush Mount
Mounting Hole Size is 2 "
PRICE \$12.50 Plus Postage \$3.50 Priority Mail USPS
(United States Postal Service)

Pictures can be Viewed At:
<http://www.angelfire.com/ca/fisherfarms/WSHSE0150VAC.jpg>

Interested ? Please Respond By Email

73.....Lou wb6lqd
email---- hummbar@pacbell.net

Date: Fri, 18 Feb 2000 20:55:49
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [63584] FS: DDS VFO by Steve Weber KD1JV
Message-ID: <200002182053.0AA10230@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Unit as received from Steve. Inspected but otherwise
unused. Power no applied. Change of plans here.
K2 near... :-)

\$53.20 shipped CONUS

>From Steve's advert:

quote

These VFO's are designed to easily up-grade many common QRP rigs to
DDS tuning, or build your own rig around. New "Signal Generator" mode
allows tuning down to 1 Hz.

These are built and tested, on a 2" x 1.6" board. Knob tuned, Freq
range 100 Khz to 9.5 Mhz, user programmable for actual tuning range
needed for your rig. (requires freq counter for set up) Has RIT,
built in 10-40 wpm keyer and sidetone, A/B freq memo. User
programmable 4 led dial for coarse freq readout. Requires about 30 ma
at 8-14 volts.

unquote

Date: Fri, 18 Feb 2000 21:04:12
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [63585] FS: KD1JV SA/SA
Message-ID: <200002182102.PAA11073@admin.inetport.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Steve Weber's Spectrum Analyzer/Scope Adapter kit.
Parts inventoried and inspected but otherwise unbuilt.

\$100.00 shipped CONUS

>From Steve's email answer to 'What's an SA/SA?'

quote

Hi Larry,

The SA/SA is a Spectrum Analyzer - 'Scope Adaptor. Turns your scope into a 1-100 Mhz spectrum analyzer with 70 dB of dyanmic range and 1 uv MDS. Its' a kinda neat toy.

(and you though SA/SA ment Secret Agent/ Stealth Antenna, didn't you?, hi)

73, Steve

unquote

Larry KA5T
Georgetown, TX

Date: Fri, 18 Feb 2000 16:24:19 -0500
From: Barry J Minsky <w2bj@juno.com>
To: qrp-l@lehigh.edu
Subject: [63586] k2
Message-ID: <20000218.162421.-208989.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I know there have been many posts about the K2. I recently finished mine and think it is, without question, the best rig I have ever used. I built the rig itself, the internal battery, the 160 meter option, and the noise blanker. I am now working on the SSB option (although I will probably only use it about 2 or 3 times a year - CW is more fun for me).

The thing that has amazed me the most has been the great support from the folks at Elecraft. I know they are very busy, but Eric and Scott never seem to busy to discuss building problems with me. I would highly recommend the K2 to any QRP'r who wants a fabulous rig.

My second best experience in my 45 years as a ham was building the K2. My best experience has been operating it.

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century Club #569, Platinum #51, FISTS CW Club of Coastal Georgia, Knightlites, Adventure Radio Society #359, Six Club #151, QCWA #29298, OOTC #3723, SOC #193

Date: Fri, 18 Feb 2000 16:36:01 EST
From: KD6AXT@cs.com
To: qrp-l@lehigh.edu
Subject: [63587] Re:WTB Retired morse tutor
Message-ID: <bd.1207ed0.25df1541@cs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

There are a whole lot of terrific share ware programs that you can download

Try PA3WBK'S ultimate morse site:
www.morsecode.dutch.nl/indexx2.html.

There is a page there with multiple links to shareware programs. One of my favorite is MorseCat wich runs great out of windows on my old 486 but doesn't seem to work with the sound card on my newer computer. It has a very good text editor and you can import text files easily into the program. I've used it to make tapes for use in my car on the commute to work. It is a lot more interesting than copying random letters and you learn to hear common words as units after awhile. Another program called The Mill will run out of dos and includes the complete text of The Art and Skill of Radio Telegraphy-- as text files which you can also send yourself in code at any speed. There are a bunch of others including some really nice contest oriented programs, one called Rufz! gets your callsign copying speed up and it is a lot of fun.

Good luck

73

Dan
KD6AXT

Date: Fri, 18 Feb 2000 16:39:48 EST
From: RangerSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [63588] RHR 20-M
Message-ID: <40.13344cc.25df1624@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
Just a short note here on the RHR.
I had some problems peaking the RX so I inserted a 6" piece of wire to the antenna port.
I found the the RX trim pots have some sweet spots on them and tuning is critical on 2 out of the three.
I tuned around and found some light qrm and used that to peak the RX.
Peaking and repeaking about 7-8 times, the light hash I heard became so loud I had to slide the phones off my ears.
I heard a pileup on 14.031 and copied EA8AK, W1WW.
Big deal you say?
My antenna was just that piece of hook up wire.
I also heard a VQ9, VQ7 and had a solid copy on K9PFW but was not able to copy the KA2 station he was working.
The TX is giving me a tad over 6 watts from a 12 volt 4-ah battery.
Can't wait to get the new 20-M inverted *V* up.
Got to look over the other RHR because it's not doing as good as this one.
Then the next step is to get the mods put into the NC-20 I picked up from a 3 lander ham several months ago.
With all the rain and snow here I can't think of a better day to make all the voltage checks on the other RHR rig.
The only thing about building is that it keeps me off the air.
So if you hear me calling CQ, please respond back at my speed.
I guess I'm good for 15-18 WPM.
Thanks and good DXing to all.
Bob
WA2HOQ:rp <tm>

Date: Fri, 18 Feb 2000 09:38:28 -0000
From: "Andrew Cunningham" <Gm0nwi@tesco.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [63589] FOR THE ATTENTION OF WV3T
Message-ID: <001101bf79f3\$ea17b7e0\$441dac3e@q1n3l2>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Can you please get intouch with me friend...??

The HW9 WARC Band Module Handbook came today..??

Would like to talk to you about it..

72 de Andy GM0NWI
"Long Live QRP!!"

Date: Fri, 18 Feb 2000 22:06:15
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [63590] Re: FS: DDS VFO by Steve Weber KD1JV
Message-ID: <200002182205.QAA16969@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

This unit is spoken for..
Larry KA5T
Georgetown, TX

Date: Fri, 18 Feb 2000 17:09:16 -0500
From: Scott Hotchkiss <w4pj@bellsouth.net>
To: w3fpr@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63591] Re: dipole and ladder line - cutting
Message-ID: <38ADC30C.6E431F40@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Don Wilhelm wrote:

> <snip>

> adjust the feedline length - make it longer - shorter ain't practical -

Seems to me, making it shorter would be easier.

de (Scott) W4PJ "Hey Bubba, go out to the truck and get my feedline
stretcher." Jus' pullin' yer leg Don. =8^)

Date: Fri, 18 Feb 2000 14:24:59 -0800
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: EleCraft mail list <elecraft@qth.net>, QRP-L <qrp-l@lehigh.edu>
Subject: [63592] New K2 to other rig comparisons
Message-ID: <38ADC6BB.1D35DB80@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

We've added a number of new rigs to our K2 rig comparisons page, (at
http://www.elecraft.com/K2_perf.htm) including the TS-870,
IC-706MKII, and Ten-Tec Pegasus DSP rigs.

In addition this page now has expanded explanations of what each test
number means. Thanks to W1RFI we have also added several links to QST
articles explaining the ARRL rig tests and how to pick a rig. (These
links are accessible by everyone.)

73, Eric

--

<http://www.elecraft.com>

Date: Fri, 18 Feb 2000 17:14:24 -0600
From: "George T. Baker" <w5yr@att.net>
To: w4pj@bellsouth.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [63593] Re: dipole and ladder line - cutting
Message-ID: <38ADD250.20E5E040@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Well, like a man's legs just barely being long enough to reach the ground, if the line is just barely long enough to reach the tuner in the first place, then cutting it off ain't a very good solution! ;^)

72/73, George

Fairview, TX 30 mi NE Dallas in Collin county

Amateur Radio W5YR, in the 54th year and it just keeps getting better!

R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

> > adjust the feedline length - make it longer - shorter ain't practical -

>

> Seems to me, making it shorter would be easier.

>

> de (Scott) W4PJ

Date: Fri, 18 Feb 2000 18:36:05 EST

From: Shephed@aol.com

To: qrp-l@lehigh.edu

Subject: [63594] One of our own!

Message-ID: <86.dc44eb.25df3165@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Hugh congrats go to Doc, K0EVZ.

Check out the Correspondence section (page 24, Kidnapped By QRP by Gerry, K1LR0/7) of the March, 2000 QST.

Now, I want you autograph Doc. :-)

BTW, I love the attention that QRP gets in this issue, think people are starting to notice?

72, 73, oo's

Dan, N8IE Kettering, Oh

FPqrp #-6, QRP-l #1404, FISTS #4985, Zombie #667

<http://members.aol.com/shephed/n8ie.htm>

End of QRP-L Digest 1735
